

MONSANTO

From: Gordon A. Grundmann CS6G Corporate Engineering (4-6112)

Date: July 26, 1985

cc: D.R. Bowers CS6G

L.V. Bumbicka 1740

Subj: Project Progress Meetings

R.M. Calles CS6G

M.A. Coco Alberici

Re: CEA 3808 - Main South Trunk Sewer

R.J. Geile CS6G

E.R. Hartman CS6G

TO: J.J. Beckerle

Alberici

P.R. Hoemann 1740

W. Bodine

Alberici

L.C. Kreh F2ED

T.N. Carrico

1740*

F.A. Mayse CS6G

W.C. Koester

Alberici*

B.W. Steketee 1740*

K.W. Lichtenheld

CS6G*

R.L. Wiese CS6G

C.J. Lotz

Alberici*

R.L. Nelson

1740*

*Present at meeting

K.W. Petterson

1740*

**Part time

R.C. Martini

1740**

O.N. Shipley

1740*

R. Schlereth

Fleischer Seeger**

R.B. Knoll

Fleischer Seeger**

Following are minutes of the meeting held at the CED construction trailers on 7/25/85 at 9:30 a.m.

1. Construction Progress

- a. All the joints on the 42" VCP between the encasement east of manhole 1-DD and manhole 1-EE passed the hydro test. The rebar has been placed and the concrete encasement will be poured on 7/26.
- b. Joints are being made on the 42" VCP currently in the trench between manhole 1-EE up towards manhole 2-AA.
- c. The 15" VCP lateral L-43 between manholes 1-DD and 1-GG passed the hydro with no leaks.
- d. Repairs are complete on laterals L-34 and L-35 and they are ready for testing.
- e. The miters are cut on the lateral L-45 VCP and ready for placement after the base is poured.
- f. The VCP for lateral L-46 is laid in the trench and joints are being made.

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- g. The walls for manhole 2-BB have been poured.
- h. Trench excavation continues between manholes 2-AA and 2-BB.
- i. Since the existing pipe through manhole 2-AA was in poor condition, this pipe will be temporarily flumed.
- j. BI warehouse has been cleaned out. Tear down of the building will begin soon.

2. Contaminated Soil

- a. The plant released the area of possible contamination by the BI building back to the project. It is now okay to excavate and work in this area.
- b. The state is continuing to test the stockpiled material and has asked for further samples.

3. Jumper

- a. Brickwork will be installed on the west manhole on 7/25, thus completing jumper T-1.
- b. The plant will move the tote bins over the jumper T-2 routing. Work on the T-2 jumper will then begin. Need 20 feet clearance each side of jumper.
- c. Lichtenheld and Shipley to review the T-3 jumper routing by the next meeting.

4. Internal Manhole Work

- a. The Pennwalt representative, Huxsley, visited the site on 7/22 and 7/23 and reviewed the job with Fleischer Seeger personnel and Monsanto personnel. Pennwalt feels at this time that their specification for application of the asphaltic membrane is satisfactory.
- b. The new material from Pennwalt is in St. Louis. This material will be used on manhole 1-BB. Fleischer Seeger will attempt to apply this material at 325°F minimum on the walls. (Needs to be hotter in the bucket - approximately 360°F.) Monsanto will be given one day's notice prior to application. Fleischer Seeger has purchased and calibrated a new thermometer.

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Application will be made on the top half of the manway first. Then the bottom half will be covered.

If there are problems in the application, Fleischer Seeger and Pennwalt are to advise Alberici and Monsanto and give us their recommendations.

- c. Fleischer Seeger hopes to complete the manhole 1-AA asphaltic membrane on 7/26. If this membrane is approved, the furan membrane will be installed 7/29 and 7/30.

5. Dept. 245

- a. A tunnel (probably similar to ACL) needs to be designed for installation under the tracks at the 245 area. The tunnel needs to be installed during the 10/4 to 10/17 shutdown.
Lichtenheld
- b. Exploratory excavations for foundations can take place between 8/1 and 8/22. Shipley

6. VCP

- a. Alberici is now measuring the 42" VCP's for portions of the prealignment. This method saves time by not requiring the use of the jig. The pipes will be marked by Lotz to insure they are installed correctly in the trench.
- b. It was restated that there is to be no movement of the two pieces of VCP (side to side and up and down) after the surfaces coated with furan come in contact. Re: memo of 12/31/84.
- c. Blistering of the joints due to the exothermic reaction in the warm weather must be watched for and avoided as this causes porosity in the joint material. As a result Alberici is to go to the 3 pass system of joint installation immediately.

7. Miscellaneous

- a. In anticipation of Shipley's retirement in the future and to maintain continuity on the project, Ralph Martini will replace Ship as construction engineer.

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- b. The rebar design for the cage from manhole 1-D-1 to 1-JJ to be worked up by Lichtenheld.
- c. The ACL shutdown is to be sometime in November. During this time the sewer must be installed from manhole 1-D-1 to 1-JJ.

The next progress meeting will be held on Thursday, August 1, at 9:30 a.m. at the construction trailers. All Monsanto project personnel are to meet prior to this meeting at 9:00 a.m.


Gordon A. Grundmann

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